## INTERNATIONAL SEARCH REPORT

Internat Application No PCT/IT 03/00432

A. CLASSIFICATION OF SUBJECT IPC 7 F16F15/14

TER 16H55/36 F16F15/126

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 F16F F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## EPO-Internal

C. DOCUM	C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
X	US 5 516 331 A (HOENLINGER HERWIG ET AL) 14 May 1996 (1996-05-14) figure 4	1,5				
X	US 5 637 041 A (HAMAEKERS ARNO ET AL) 10 June 1997 (1997-06-10) figure 1	1,5				
A	WO 96 25611 A (RIU HERVE ;HOLSET ENGINEERING CO (GB)) 22 August 1996 (1996-08-22) figure 1	2,4				
A	DE 199 38 461 A (FREUDENBERG CARL FA) 22 March 2001 (2001-03-22) figure 4/	1				

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search	<ul> <li>"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> <li>Date of mailing of the international search report</li> </ul>
20 October 2003  Name and malling address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	27/10/2003  Authorized officer  Beaumont, A

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C.(Continuation) DOCUMENTS DERED TO BE RELEVANT								
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